

Atos – Joseph Fourier Prize 2022

France Edition Rules

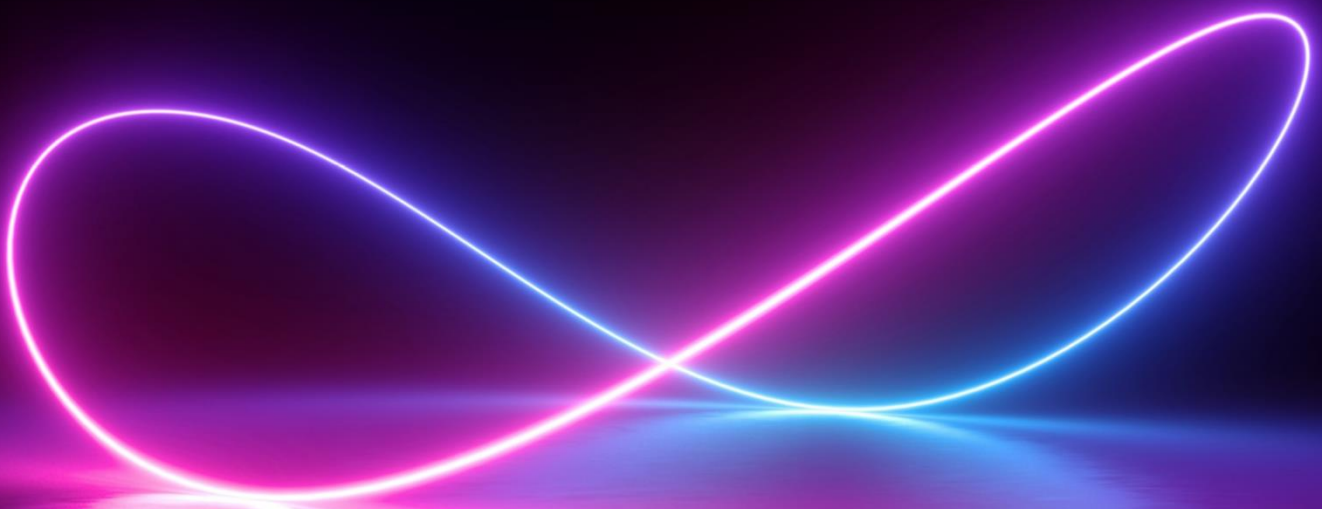


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1 Introduction

Welcome to the 202 France edition of the Atos - Joseph Fourier Prize. This contest is organized by Atos SE (Societas Europaea, having its registered headquarters at River Ouest, 80, quai Voltaire, 95870 Bezons, France and registered under number 412 190 977 RCS Pontoise).

The objective of this contest is to promote and encourage scientific excellence in High Performance Computing, Artificial Intelligence and Edge Computing.

This prize considers partners:

- GENCI, a "civil company" (société civile) under French law based 6 bis, rue Auguste Vitu, 75015 Paris.
- Possible other partners can join Atos to sponsor the Prize and / or the awarded winners without prior notice.

These are the terms and conditions that will govern the contest. Please read them carefully.

By entering the contest, you agree to abide by the terms and conditions described below (hereinafter the "Rules").

The Rules can be consulted and printed at any time from the contest website at the following address: atos.net/atos-joseph-fourier-prize.

2 Domains and selection criteria

The Atos - Joseph Fourier Prize targeted domains are:

1.1 Domain 1: Advanced Computing

It includes (but is not limited to):

- Numerical simulation (large scale parallelization, code optimization, algorithms, libraries...)
- Quantum computing
- Edge computing (innovation and disruptive usages)

Note: According to Alex Reznik, Chair of the ETSI MEC ISG standards committee, "anything that's not a traditional data center could be the 'edge' to somebody."(ETSI - ETSI Blog - What is Edge?". www.etsi.org. Retrieved 2019-02-19). This definition has for main advantage to be inclusive with no restriction at all. It is currently admitted by the IT community that very main purpose of Edge application services is to reduce the volumes of data that must be moved, the consequent traffic, and the distance the data must travel. That provides lower latency and reduces transmission costs. Computation offloading for real-time applications, such as facial recognition, has been demonstrated in early testing.

1.2 Domain 2: Artificial Intelligence

It includes (but is not limited to):

- Large scale data analytics on traditional or hybrid architectures;
- Machine learning;
- Deep Learning and unsupervised learning;
- Multi-Tasking Machines;
- Artificial Intelligence in Modelling and Simulation;
- Generative Adversarial Network.

1.3 Selection criteria

The criteria for selecting prize winners are based on:

- 25% Scientific excellence
- 25% Societal impact of the achievements
- 25% Quality of the implementation
- 25% Technical excellence (for instance the scalability).

1.4 Privileged Topic: Decarbonation

For this edition, on the top of the selection criteria, Atos is willing to privilege the notion of "decarbonation". The jury will take attention to this aspect during the process.

3 Entry requirements

The France edition of the contest is open to any profile (scientist, expert, academic, industrial or start-ups), to any individual or team administratively attached to a French-based organization.

There is no limit in terms of number of teams for a given institution.

Each team should register and fill in the application form on the official website:

<https://atos.net/en/about-us/competitions/atos-joseph-fourier-prize>

4 Timescales

The provisional schedule of the contest is the following, providing that the dates may be subject to change.

Phase	Target Date
Contest Launch	March 23
Application Submission deadline	May 2
Eligibility Committee	May 16-20
Selection Committee	May 16-20
Final Jury	June 1
Awards Ceremony	Week of July 4

5 Phases

The contest involves the following phases. Depending on constraints impossible to anticipate, the target dates may be postponed.

5.1 Contest Launch

The contest is launched through an Atos Press Release distributed by the standard Atos channels. Rules for the current edition, the application form and all necessary information about the contest is available within the Atos - Joseph Fourier Prize webpages.

5.2 Application Submission deadline

The application submission deadline is the final date whereby all applicants (individually or in team) will have sent their completed application form back via email to atosfourier@atos.net. The applicants have to send their application before the defined deadline (see 4 page 5).

5.3 Eligibility Committee

The Eligibility Committee, composed of Atos' experts, selects a maximum of 10 best eligible applications per domain. The Eligibility Committee works independently in selecting the applications. The list of eligible applications is only shared with selection committees.

5.4 Selection Committees

The Selection Committees, one per domain, are composed of independent experts. Atos' employees may be invited to the Selection Committee, but as non-voting members. Each Selection Committee selects a shortlist of applications in its domain among the list of eligible applications selected by the Eligibility Committee.

The Selection Committees work independently in selecting the applications. The list of selected applications is only shared with Final Jury.

5.5 Final Jury

This Jury is composed of independent experts. Atos' employees may be invited to the Jury session, but as non-voting members. The Jury works independently in selecting the projects to be rewarded. Based on the applications selected by the Selection Committee, the final Jury chooses the winning applications.

The winning applicants or teams will be personally informed of the Jury decision. The Jury decision is made available on the contest website after the Awards Ceremony. The winning teams are invited to the Awards Ceremony. The prizes are presented by Atos Top Executives and Atos partners. Details about the Awards Ceremony - location and date are communicated to the winning teams and applicants in due course.

6 Prizes

The Jury rewards the best application in each of the contest domains. The winning teams or applicants receive €10,000 from Atos. Additional Prizes will be awarded by GENCI consisting in 200,000 computing hours for HPC.

Additional Prizes may possibly be awarded by partners.

Note: Atos reserves the right not to select any winner in the case that the final solution presented fails to meet basic admissibility criteria as per the Jury's reasonable judgment.

Atos reserves the right to modify or substitute any of the above prizes (for other prizes of equivalent value).

7 General conditions

7.1 Acceptance of the Rules - Waiver

By entering this contest, the participants agree to abide by the Rules. This includes acceptance of the Rules by each individual and each member of the participating teams.

By submitting the registration form, each member of the team:

- (1) warrants that he/she has all required authorizations and consents to enter into this contest on behalf of the relevant public or private organization;
- (2) warrants that all the consents and authorizations required from the members of the team, in case the registration is made by one team member on behalf of the rest of the members of the team, have been duly obtained.

Atos reserves the right to disqualify from the contest, at any time, any team that in their reasonable opinion fails to comply with the Rules or whose participation may be contrary to or damaging to the development or performance of the Atos - Joseph Fourier Prize, Atos or other participants or third parties' interests, image or reputation.

The participating teams and each of their individual members waive and hereby release Atos SE, GENCI, their representatives and successors, all contest sponsors, all other participant teams and individual members, from all claims and alleged liabilities of any kind arising out of their participation in this contest, even though such liability may be the result of negligence or carelessness from those persons.

The participating teams and each of their individual represented members agree that they shall accept the Jury's decision and judgement, and hereby waive and release the Jury and each of its members from all claims and alleged liability resulting from the Jury's decision or judgement.

7.2 Language

All official communications in relation to the Atos - Joseph Fourier Prize (oral and written) shall be in English. All materials and documents submitted for the purposes of the contest shall be in English, including but not limited to the submission of the solution and the presentations of the solution.

7.3 IPR

By conducting the Atos - Joseph Fourier Prize, Atos joint intention is to promote and encourage innovation and competition in a fair and collaborative way.

Therefore, all intellectual property rights (IPR) in the solution submitted as part of the contest shall remain the ownership of the authors/team submitting such solution.

7.4 Data protection

In order to be able to develop the different phases of the contest and keep in touch with the participants, we may need to handle certain personal information provided by the participants. Atos and its partner(s) undertake that any personal information received from the participants will be used for the exclusive

purposes of conducting the contest and communicating with the participants and will not be otherwise used or disclosed to third parties other than to members of selection committee on a need-to-know basis.

Any personal information provided by the participants to Atos during the development of the contest will be handled in accordance with the European and French Data Protection regulation. If a participant has any question regarding the way Atos handles his/her personal data or if a participant wants to have access, modify or cancel this information, please contact the Atos - Joseph Fourier Prize team or the Atos Web Site administrator.

7.5 Participants' Agreement on communication and image rights

The awarded winners agree not to communicate on their award before the Awards Ceremony, excepted by special agreement from Atos. They agree to present their work at the Awards Ceremony.

The participants (individuals and teams' members) agree to be interviewed and/or to participate in various communication activities, including quotes in Atos and Partner Press Releases, photos and videos, for internal or external use, in a "fair spirit".

The participants agree to grant Atos, its affiliates and GENCI, a world-wide, perpetual, non-exclusive, transferrable and sub-licensable royalty free right to quote their names and use, publish, communicate and distribute in any media and format images taken during the celebration of the different phases of the contest (including but not limited to the pre-selection, development, presentation and Awards Ceremony) for marketing activities in connection with the promotion of the Atos - Joseph Fourier Prize.

7.6 Miscellaneous

All teams should specify and provide details of a contact for notifications. All notifications shall be sent to this contact person.

Atos reserves the right to revise, complete and/or amend the Rules at any time, on a reasonable basis and as required in order to ensure the successful development of the Atos - Joseph Fourier Prize, in which case Atos will notify the participants in due course.

Atos reserves the right to suspend, postpone or cancel the Atos - Joseph Fourier Prize at any time and/or modify or vary at any time any of the dates mentioned for the development of the contest, in which case the participants shall be informed in due course.

Atos reserves the right not to select any winner should the minimum eligibility criteria not be fulfilled by any of the entries, as may be decided by the Jury.

Atos shall not be responsible for any loss or damage of materials or other type of information or data submitted nor for any technical failures or errors, including but not limited to failure to properly process submission of entries and materials, nor loss or damage caused by computer viruses or otherwise resulting in any computer from participants accessing or interacting with the contest site, nor caused by any malfunction, errors, delays, or non-availability or otherwise caused by or in relation to the contest website.

It is the responsibility of each participant to take all necessary measures to protect his/her material from any infringement, loss or damage, including data and/or software stored in their IT and phone equipment.

The connection of every participant to the contest website and the participation in contest is made at participant's sole risk.

The decision of the Jury regarding the selection of winners and Atos decisions regarding the running of the contest will be final.

The contest shall be governed by the Laws of France.

By participating in the contest, the participants acknowledge and agree, without reservation, that in relation to any dispute or controversy which could arise in relation to the contest, the present rules or other matters which otherwise may be directly or indirectly connected to this contest, they will be subject to the French laws, without prejudice to existing rules or conflicting laws.

The participants are thus subjected to French regulations applicable to contests.

Any dispute which cannot be amicably settled between us will be submitted to the competent courts of Paris, included but not limited in case of plurality of defendants, incidental demand or appeal in guarantee.

8 Contacts

For any further information, please contact your local Atos - Joseph Fourier Prize contact or send an email to atosfourier@atos.net